



OPDX Bulletin 1427 August 19, 2019

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 1427
BID: \$OPDX.1427
August 19, 2019
Editor Tedd Mirgliotta, KB8NW
Provided by BARF80.ORG (Cleveland, Ohio)
Written/Sent from Strongsville, Ohio

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, the AB5K's AR Cluster Networks, NJ1Q & W1AW, NG3K & ADXO, W3UR & The Daily DX, K5WE, WB6RSE, K8BL, K8YSE, W8GEX & 60m DX News, W8MET, W9HT, CO8ZZ, DL1SBF, DL7UXG & The DX News Letter, DxCoffee.com, DXNews.com, DX-World.Net, F5NQL, F6AJA & Les Nouvelles DX, HL1VAU, ILJQJ/IK1ADH & 425 DX News, OH2BH, OZ6OM & 50 MHz DX News, RN3RQ, Sixitalia Weekly and VA3RJ & ICPO for the following DX information.

DXCC COUNTRY/ENTITY REPORT: According to the AR-Cluster Network for the week of Sunday, 11th/August, through Sunday, 18th/August there were 203 countries active. Countries available: 3A, 3B8, 3D2, 3DA, 3V, 3W, 4J, 4L, 4O, 4S, 4X, 5A, 5B, 5R, 5T, 5W, 6Y, 7P, 7X, 8P, 8Q, 9A, 9G, 9H, 9J, 9K, 9L, 9M2, 9M6, 9N, 9Q, 9V, 9Y, A4, A5, A6, A7, A9, AP, BV, BY, C3, C5, C9, CE, CE0Y, CE9, CM, CN, CP, CT, CT3, CU, CX, DL, DU, E5/n, E5/s, E7, EA, EA6, EA8, EA9, EI, EK, EL, EP, ER, ES, EU, EX, EY, F, FG, FK, FM, FO, FP, FR, FY, G, GD, GI, GJ, GM, GU, GW, H4, HA, HB, HB0, HC, HH, HI, HK, HL, HP, HS, HZ, I, IS, J6, J7, J8, JA, JT, JW, JY, K, KG4, KH0, KH2, KH6, KH8, KL, KP2, KP4, LA, LU, LX, LY, LZ, OA, OD, OE, OH, OH0, OJ0, OK, OM, ON, OX, OY, OZ, P2, PA, PJ2, PJ7, PY, PZ, S0, S2, S5, S7, SM, SP, SV, SV5, SV9, T30, T5, T7, T8, TA, TF, TG, TI, TK, TR, TT, TU, TZ, UA, UA2, UA9, UK, UN, UR, V3, V4, V5, V7, V8, VE, VK, VP8, VP9, VR, VU, XE, XU, XX9, XZ, YA, YB, YJ, YL, YN, YO, YS, YU, YV, Z3, Z6, ZA, ZB, ZD7, ZD8, ZD9, ZF, ZL, ZP, ZS

* PLEASE NOTE: The report "could" contain "Pirate/SLIM" operations or more likely a "BUSTED CALLSIGN". As always, you never know - "Work First Worry Later".

9M62 MALAYSIAN SPECIAL EVENT (West Malaysia [9M2] and East Malaysia [9M6/9M8]). To celebrate the 62th anniversary of Malaysia's independence (August 31, 1957), look for the following special event stations to be using the special prefix 9M62. Activity started on August 30th and will end on September 1st:

9M62MA - Perak, W. Malaysia (9M2)	9M62MP - Penang, W. Malaysia (9M2)
9M62MB - Selangor, W. Malaysia	9M62MQ - Sarawak, W. Malaysia (9M2)
9M62MC - Pahang, W. Malaysia	9M62MR - Perlis, W. Malaysia (9M2)
9M62MD - Kelantan, W. Malaysia (9M2)	9M62MS - Sabah, East Malaysia (9M6)
9M62MJ - Johor, W. Malaysia (9M2)	9M62MT - Terengganu, W. Malaysia (9M2)
9M62MK - Kedah, W. Malaysia (9M2)	9M62MW - Kuala Lumpur, E. Malaysia (9M6)
9M62MM - Melaka, W. Malaysia (9M2)	9M62MY - (HQ)Selangor, W. Malaysia (9M2)
9M62MN - Negeri Sembilan	

Activity is organized by the Amateur Radio Club Sarawak (ARCS), ASTRA Malaysia, Borneo Amateur Radio Club (BARC), KELAB RADIO AMATUR TAIPING - (STAR), Kelab Radio Amatur Melayu Jalan Klang Lama, Kota Setar Amateur Radio Club (KSARC), Kuala Lumpur DX Team, Melaka DX Club, Perlis DX Club, Penang DX Club, Persatuan Komuniti Radio Amator Dan Rekreasi Kok Lanas (KRAKL), Terengganu Radio Amateur & Recreation Club (PEMANCAR) and Malaysian Amateur Radio Transmitters' Society (MARTS). Check QRZ.com for the QSL info because each station QSLs different. For more details, see: <http://www.9mdxc.com/cq9m>

CDXG CELEBRATION (Cuban Press Release by CO8ZZ). The Cuba DX Group will be celebrating its 39th anniversary with special activity on September 1st, it will be 39 years since a small group of Cuban DXers in Havana

founded the Grupo DX de Cuba and marked with it, a before and after in the history of Cuban amateur radio.

For this reason, the GDXC will grant the certificate "Aniversario 39" to those who manage to work a certain number of members of the group during the month of September. The categories of the certificate will be Gold, for those who contact 20 stations of the total valid, Silver for those who do it with 15 and Bronze for those who work 10.

All contacts will be valid regardless of band or mode. The GDXC's members valid for the certificate are the following: CM2XN, CM3EFM, CM6ARD, CM7OK, CO2JD, CO2KL, CO2RQ, CO2YQ, CO3JN, CO3LT, CO5LB, CO6HZ, CO6OV, CO6RD, CO7JC, CO8BYT, CO8CY, CO8MGY, CO8NDZ, CO8OH, CO8RBD, CO8SC, CO8ZZ, CP6CL, DK1WI, EA5BB, HA3JH, HC1DAZ, HK3TK, JH1AJT, KP4SX, KV2H, OH2TA, OZ1IKY, WB2REM, W7HU and XE1KK.

Good news for diploma collectors is that this will also be a great opportunity to obtain the "Grupo DX" diploma. For any clarification and to send the logs with the certificate requests use the following address will be used: gdxcc@frcuba.cu

To the delivery of the certificate, other activities will be added that will schedule the representations in each subsidiary, such as exhibitions, conversations, conferences and demonstrations of operational practices during contests and pileups management.

The Grupo DX de Cuba brings together the majority of Cuban DXers and 80 individuals from more than 20 countries. To be part of it, you only need to have 100 or more confirmed DXCC entities. Extended information can be found at the following sites:

<https://www.frcuba.cu/filiales-grupos/grupo-dx.html>

<http://xavian2016.cubava.cu/page/2/?s=gdxcc>

<http://xavian2016.cubava.cu/2016/06/09/redescubriendo-el-nacimiento-del-grupo-dx-de-cuba-gdxcc-2>

<https://m.facebook.com/Grupo-DX-de-Cuba-673195439448184/?ref=Footer>

E5, SOUTH COOK ISLANDS. Fred, DH5FS, will be active as E51SFS from the South Cook Islands between September 8-25th. He is scheduled to operate from Rarotonga Island (OC-013) between September 8-16th, and from Aitutaki Island, (OC-083) between September 20-25th. Activity will be on various HF bands and modes. QSL via his home callsign.

EX, KYRGYZSTAN. Operators Leszek/SP6CIK, Jarek/SP6OJK, Janusz/SP9FIH, Roman/SP9FOW, Jerzy/SP9TCE and Jozef/SP9HVV will be active as EX6QP from the south shore of Issyk-kul Lake between September 2-15th. Activity will be on various HF bands using an Inverted L, phased verticals, and Spiderbeams. Operating modes will be CW, SSB, RTTY and FT8. QSL via SP6OJK.

IOTA NEWS.....

AS-080. Han, DS2GOO, will be active as DS2GOO/3 from Sapshi Island (KDN F26) between August 24-26th. Activity will be holiday style (family vacation). He states, "I will be in front of my radio as many times as possible." He will take his IC-706MK2G, TS-570S and vertical antennas. QSL via his home callsign.

AS-206. Harry, JG7PSJ/JD1BMH/KW2X, is planning to be active as JG7PSJ/7 from Oshima Island (JA7,Miyagi -- QM08)sometime in September or October. Stay tuned.

EU-112. (Reminder) Operators Thor/DK7RD, Paul/G4PVM and Col/MM0NDX are planning to activate Europe's 5th most wanted IOTA, Shiant Isles, as MS0INT between August 23-25th. Activity will be on various HF bands using CW, SSB and FT8. QSL via M0SDV.

EU-191. Dan, YO9FNP/LB3TI, will once again be active as YO9KXF/P from Insula Fericirii between August 16-19th. Activity will be holiday style (working) mainly on 40/20 meters using mostly CW, but with some SSB and FT8. He will have 100 watts into vertical wire antenna. QSL via YO9FNP direct or OQRS (see QRZ.com).

NA-134. Bo, OZ1DJJ, will be Active as OX3LX from Upernavik Island between August 22nd and September 5th. Activity will be on various HF bands (Focus on 160/80/60m), but limited to his spare time when not working (He states, "Best chance is in the morning around lunch and after dinner [local time utc+2], on the weekend also during night/morning"). QSL via OZ0J direct (see QRZ.com). Logs get uploaded to LoTW, ClubLog and sometimes eQSL. For more details and updates, see: <http://geronne.dk/index.php/ox3lx/ox3lx-dxped>

NA-211. IMPORTANT UPDATE FROM Cezar, VE3LYC, on the K7TRL Tillamook

Rock DXpedition: <https://k7tri.weebly.com>
The team is seeking more support from both DXers and IOTA
chasers.

CORSICAN IOTA TOUR. Laurent, F8BBL, will be active as TK19IOTA from the following Corsican IOTA islands between September 6-22nd: Corsica (EU-014), Iles Cerbicales (EU-100), Lavezzi Archipelago (EU-164) and Sanguinaires Islands (EU-104). He will also activate one SOTA: Capo Di Locu (TK/TK-148). Activity will be holiday style on various HF bands using a KX3 Elecraft + MP1 Antenna. QSL via F8BBL, direct, by the Bureau or LoTW. For updates, watch: <http://rnb.dx-cw.net>

PLEASE NOTE: Since the Webmasters of the new (www.iota-world.org) have decided NOT to post or dedicate a Web page to announce upcoming IOTA operations, PLEASE send your IOTA operations information to the OPDX, and we will post it here in an upcoming bulletin.....

J6, ST. LUCIA. Bill, K9HZ, will once again be active as J68HZ from his villa at Labrelotte Bay, Castries, St. Lucia (NA-108, WLOTA L-1336) between August 23rd and October 4th. Activity is usually on 160-2 meters using CW, SSB, AM, RTTY, WSJT and FT8. QSL via his home callsign. He does use the LoTW (preferred), ClubLog and eQSL.

J6, ST. LUCIA. Members of MARCO (The Medical Amateur Radio Council, Ltd.) will be active as J68MD from St. Lucia (NA-108) during the CQWW DX SSB Contest (October 26-27th) as a Multi-Single/All-Band entry. Equipment will be a K3 transceiver, multiband yagi and various wire antennas. QSL via N2HIW.

K4, UNITED STATES (POW-MIA Special Event). Look for special event station K4MIA/8 to be active between September 13-22nd. Activity is to honor and support our Veterans. Operators are Linda/N8LRS and Metro/W8MET acting as a sister-station from Ohio for the 4th year. This event was originated by Mike, K4MIA, from Florida with other sister-stations involved. Details can be found on the ARRL Web site under "ON-THE-AIR" under SPECIAL EVENT under the call-letters of K4MIA. Also, this special event will be in the September QST. Please take part in this special event for our Veterans. QSLs are available with SASE. They will be operating on 40 meters SSB. ADDED NOTE: Other sister stations to look for K4MIA/5 and K4MIA/7.

KH4, MIDWAY ISLAND (Update #3/Postponed). Ron, KH6DV, reports on August 15th, on QRZ.com:

For a number of very good reasons the Midway expedition is being postponed. Some of the things we are working on will take a number of months - one will take 4 or 5 by itself. We could postpone for just a couple months but then we would be operating during the summer with its associated terrible conditions.

WE HAVE DECIDED TO PLAN FOR THE FIRST TWO WEEKS IN OCTOBER 2020

The changes we are working on will make for a much better and more exciting expedition and are well worth waiting for.

KH8, AMERICAN SAMOA. Atsu, 5W1SA, is once again active as KH8C from Tutuila (OC-045) until August 25th. Activity is mainly FT4 and FT8 during his nights and weekends. QSL via LoTW, or via JF1OCQ.

OJ0, MARKET REEF (50 YEARS CELEBRATIONS UPDATE --- OJ00 THIS WEEK). [Edited Press Release by Martti, OH2BH, dated August 15th, -- OJ00 QRV FROM SATURDAY, AUGUST 17TH THRU AUGUST 24TH] --- Multiple OJ0 callsigns were activated during the summer season 2019 and the party wagon is to continue this coming Saturday, August 17th, with weather permitting as always. Up to this point some 35,000 OJ0 QSOS were made. These include some 6M magic to U.S. along with many other great openings.

Jun, JH4RHF, will lead his mostly oriental team thus an effective Far East penetration would be expected. Additionally Miro, OM5RW, had joint the team as another low-band expert with his standing as one of the OM7M lead operators along with his powerful first ever Z60A new DXCC participation..

The team is JH4RHF, JE6HIB, DS4EOI and OM5RW with on-site support by Henri, OH3JR/OJ0JR and Pertti, OG2M/OJ0MR. They are well on their way to Helsinki, Finland, from where they fly tomorrow to Aland Islands to catch their boat. The wind will be 10m/s due South and should allow their landing. QSL OJ00 via ClubLog.

It is also estimated that September 19th, will see another OJ0-operation in the Scandinavian Activity Contest (CW) led again by Market veteran Henri, OH3JR/OJ0JR, with activity continuing until Saturday, 28th. This include dismantling the permanent antennas and taking back the used equip-

ment.

OPDX MAILING LIST (Just A Reminder). The "new" OPDX Mailing List is back up and running! Details on how to subscribe/unsubscribe are at the bottom of this bulletin. PLEASE pass the word around.... Thanks and 73 de Tedd KB8NW

OX, GREENLAND. Operators Thomas/OZ1AA, Bo/OZ1DJJ, Dave/OZ5DM, Mikkell/OZ7AKT, Alex/OZ7AM and possibly others will be active as OX7A from Kangerlussuaq during the CQWW DX SSB Contest (October 26-27th). Operation class TBD. QSL via OZ1ACB, ClubLog or LoTW. There will be activity on all bands and modes (including FT8) prior to and after the contest, but with operators using their own personal callsigns (OX3LX, OX3LG, OX5DM, OX7AKT and OX7AM). There will be an emphasis on the low bands and 60/30/17/12 meters. Most operators will be in Greenland between October 22nd and November 1st.

PJ4, BONAIRE. Randy, K5SL, will be active as PJ4/K5SL from Bonaire (SA-006) between September 7-14th. Activity will be on 40/30/20/17 meters using mainly CW, but possibly some 17 meters SSB. QSL via his home callsign.

PROPAGATION FORECAST/REPORT (August 19-25th).....

Aug/19th AN	Aug/22nd AN	Aug/24th AN
Aug/20th AN	Aug/23rd AN	Aug/25th AN
Aug/21st AN		

SOLAR REFERENCE KEYS/INDEXES AND GEOMAGNETIC REFERENCE

NORMALITY	GEOMAG	K Values	Alpha
AN - Above Normal	Quiet	K=0-1	0-7
HN - High Normal	Unsettled	K=2	8-15
LN - Low Normal	Active	K=3	16-29
BN - Below Normal	Minor Storm	K=4	30-49
DIS - Disturbed	Major Storm	K=5	50-99
VRY DIS - Very Disturbed	Severe Storm	K=6-9	100-400

Meanwhile, check out the following Web sites for propagation:

- * VOACAP predication Web page at: <http://www.voacap.com/hf> and <http://www.voacap.com/prediction.html>
- * DX.QSL.NET Propagation page: <https://dx.qsl.net/propagation>
- * A daily HF radio wave propagation forecast can be found at: <https://www.facebook.com/thomasfranklingiellaw4hm>
- * SolarHam Web page: <http://www.solarham.net>
- * Radio Propagation/Space Weather/Sunspot Cycle Information at: <http://sunspotwatch.com>
- * Monthly propagation charts between four USA regions and twelve overseas locations are at: <http://arrl.org/propagation>
- * Information and tutorials on propagation are at: <http://k9la.us>
- * Graphic propagation tool by DR2W: <http://www.dr2w.de/dx-propagation>
- * Point to point propagation at: <http://www.predtest.uk/p2p.html>
- * Realtime propagation at: <http://www.predtest.uk>
- * Also on Twitter: <https://twitter.com/GiellaW4hm>

QSL INFO AND NEWS.....

QSL-INFO from DB0SDX by Lothar, DL1SBF (www.qslinfo.eu) (August 18th)

3Z0R via SP9SX	DK5T/LH via DK5ON	SN0ARCO via SP9KJU
3Z1OD via SP1PBT	EA2/PA2M via PA2M	SN1919PS via SP9KDU
4S6NCH via 4S6NCH (d/L)	EA8CJN via EA3QS & (L)	SN86LOT via SP1PMY
4Z5SL/LH via 4Z5SL	EG7SCC via EA7HBC (EA-B/d)	TC1LHS via YM1KE
9H9SEL via 9H1XT	EG8CAN via EA8CJN	TM0BSM via DK5OPA
9K2YM via EA5KB & (L)	II8FTDM via IK8YFU (d/L)	TM2LM via F6KAT & (L)
A41NN via A61BK (O/L)	LX/OO9O via ON7SS & (L)	TM75DP via F4AHJ
AM500SEV via EA7URF	LZ19YOTA via LZ1BJ	TM75LM via PA2JWN
AN7AL via EA7URI (L/e)	PA/DL0IGA/LH via DL1KJ	TO5M via VO1IDX (d/O)
D73G via HL4CCM & (L)	RX3AMI/1/LH via RX3AMI (d)	ZS9V via M0OXO (O)
DA0LCC via DH4HAN	SK7BORE via SK7DX	

(e) eQSL only	(d) direct only	(B) Bureau only	(*B) DX's- Bureau
(O) OQRS only	(C) ClubLog only	(L) LoTW only	(N) No QSL needed
(I) No IRC	(P) PayPal	(NB) No Bureau	

LOGS ONLINE AT CLUBLOG.ORG THIS WEEK.....

<https://secure.clublog.org/logsearch/TO5M> (Updated)

<https://secure.clublog.org/logsearch/VP2V/N5AQ>

<https://secure.clublog.org/logsearch/VP2VEM>

QSLS RECEIVED VIA LoTW: 4L6QL, 5T5PA, 9L1YXJ, 9M0W, CO8OV, E51Q, E6AC,

EI9IB, IE9/IK4RUX, M0XXT, T2J, V47JA, VP6J and XX9D

QSLs RECEIVED VIA MAIL: 8R1K, 9Y4/OK2ZI, HP1WW, OH8X, PZ50X and YV1KK

QSLs RECEIVED VIA THE BUREAU: 3D2XA, 4S7NHG, 5E5R, 8P9DF, 8R1A, 9H3JI, 9X4XX, C6ATR, CN8YZ, FG8NY, FH/F4FET, FJ/AI5P, FJ/F6CUK, FK8CP, FK8IK, FP/DK7LX, FR1GV, FW1JG, FW5JJ, H72DX, HC2/AL10, HR2/AJ9C, J28KO, J38MM, J6/K0BBC, K9FD/KH6, KG4BP, KH6/WJ20, KH7C, KL7WV, L80AA/D (SA-055), LU1ZI (AN-010), LU4AA/D (SA-055), NP3K, P4/AI2N, P40ET, P40JR, PJ2/W8WTS, PJ4/K4BAI, PJ4/K5JP, PJ4A, R0LS/p (AS-066), S21R, T32LJ, T48G, TO200SPM, TO3Z, TO6D, TX5EG (OC-027, OC-046, OC-067, OC-131), TZ5XR, V25M, V47T, VK9NI, VP2EAQ, VP2MPA, VP2MVV, VP2V/WA60, VP2VI, VP5/K3NK and YN2RP

--- We would like to see more QSL Bureaus (such as AS/US/SA/AF.. etc) to send in their info....

VP2V, BRITISH VIRGIN ISLANDS. Operators Jeff/K5WE and Bill/N5AQ will be active as VP2VEM and VP2V/N5AQ, respectively, from Tortola, British Virgin Islands, beginning October 4th through October 13th. They will operate on all bands 160-10 meters, mostly CW with some RTTY, FT8, FT4, and SSB. Their equipment will include K3 radios with 400 watt amps. Antennas will include a Hexbeam, a Crank-IR vertical, and dipoles. Depending upon a reliable internet connection, logs will be uploaded to ClubLog daily. Logs will be uploaded to LoTW upon returning home. QSL via ClubLog's OQRS, or QSL VP2VEM to K5WE and VP2V/N5AQ to N5AQ.

VP6R PITCAIRN ISLAND DXPEDITION NEWS (Updates). The following was posted on the VP6R Web page (<https://pitcairndx.com/news-and-updates/>), August 14th and 17th with pictures:

* August 14th: Today the RV Braveheart completed the loading of its cargo, including all our Pitcairn Island Dxpediton equipment. Our Flex radios, ACOM amplifiers, Yagi and vertical antennas, masts, feedlines, computers, network gear, tools, and our personal luggage is all aboard and secured. The vessel will depart Tauranga, New Zealand early next week.

We've had a slight change in plans which benefits everyone. The Braveheart will make a preliminary stop at Pitcairn on September 6th. Our gear will come off the vessel and be stored on the island until we arrive on about October 17. This should get us on the air faster and circumvent any potential weather delays.

Things are moving quickly now and our team is anxious to get underway. If you've supported us, we thank you. If not, please consider doing so. Cash is flowing out very rapidly now. No matter what, let's do this thing and have some fun!

* August 17th: Here are some images taken during the arrival of our sea container at the pier and the transfer of our gear onto the Braveheart. It has yet to be stowed and secured. Nigel and a friend are seen seated in the container. Matt Jolly, Nigel's son, is in the "selfie" with our gear in the background. The lattice tower sections are part of the DX Engineering ninety foot 160 meter vertical. A complete Flex station is inside nine of the black Pelican cases.

VP9, BERMUDA. Josh, W9HT, will once again be active as W9HT/VP9 from Bermuda (NA-005) between October 12-15th. Activity will be on various HF Bands including 6m using SSB, CW, and FT8. QSL via his home callsign direct.

W4, UNITED STATES (Special Event). Members of the Lake County Amateur Radio Association (LCARA, N8BC) will activate special event station W4G for the 103rd anniversary celebration of the National Park Service in conjunction with the James A. Garfield Presidential Home in Mentor, OH. This Callsign was chosen so that they could use the phonetics on Phone of "Washington For Garfield" (Washington 4 Garfield). The celebration will take place on the grounds of the Garfield Presidential Home on Sunday, August 25th. They will have stations operating on various bands and modes to make the special event callsign workable by Amateurs across North America and possibly the World. They expect numerous stations will be calling them to say the least!

KH0/WH0, MARIANA ISLANDS. Harry, JG7PSJ/JD1BMH/KW2X, will once again be active as WH0RU from Saipan (OC-086) between September 15-22nd. Activity will be on 40-10 meters using CW, SSB and RTTY. QSL via LoTW or direct to JG7PSJ. For possible updates, watch: <http://jg7psj.starfree.jp>

ZK3A TOKELAU ISLANDS DXPEDITION NEWS (Update). The following was reported on August 13th, on the ZK3A Web page (<https://tokelau2019.com>) and Twitter (https://twitter.com/ZK3A_2019): Meeting in Ukraine -- Part of the team

is getting together in Zaporizhia, Ukraine, to discuss final planning & logistical details, for the up and coming ZK3A DXpedition in October 2019... The meeting was hosted by UT7QF.



SUBSCRIBE TO THE OPDX MAILING LIST::

kb8nw@hotmail.com?subject=subscribe

UNSUBSCRIBE TO THE OPDX MAILING LIST:

kb8nw@hotmail.com?subject=unsubscribe

OPDX WORLD-WIDE WEB HOME PAGE (provided by John, K8YSE):

<http://www.papays.com/opdx.html>

NOW ON TWITTER: https://twitter.com/kb8nw_opdx

ALSO VISIT THE NORTHERN OHIO DX ASSOCIATION'S WEB PAGES AT:

<http://www.nodxa.org/>

<http://www.facebook.com/NorthernOhioDxAssociation>



Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit.
To contribute DX info, please send via InterNet Mail to:

kb8nw@hotmail.com

- OR -

kb8nw@arrl.net

Information can now be faxed to the following phone line at:

1-419-828-7791 (F A X only!)



-  [Back to the OPDX Index](#)
-  [Back to the NODXA](#)
-  [Back to the EIDX Network](#)